

INFORMATION DISCLOSURE STATEMENT BY APPLICANT
(Use Several Sheets If Necessary)Applicant: MARY ANN D. BROW *et al.*

(37 CFR § 1.98(b))

Filing Date: 08/28/01

Group Art Unit: 1636

U.S. PATENT DOCUMENTS

Examiner Initials		Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date
	1	4,683,195	7/28/87	Mullis <i>et al.</i>	485	6	2/7/86
		4,683,202	7/28/87	Mullis	435	91	10/25/85
		5,108,892	4/28/92	Burke <i>et al.</i>	435	6	8/3/89
	4	5,144,019	9/1/92	Rossi <i>et al.</i>	535	27	6/21/89
	5	4,511,502	4/16/85	Builder <i>et al.</i>	260	112	6/1/84
	6	4,518,526	5/21/85	Olson	260	112	6/1/84
	7	4,511,503	4/16/85	Olson <i>et al.</i>	260	112	6/1/84
	8	4,512,922	4/23/85	Jones <i>et al.</i>	260	112	6/1/84
	9	5,455,170	10/03/95	Abramson <i>et al.</i>	435	252.3	8/27/93
	10	5,614,402	5/25/97	Dahlberg <i>et al.</i>	435	199	6/6/94
	11	5,541,311	7/30/96	Dahlberg <i>et al.</i>	536	23.7	6/4/93
	12	5,422,253	6/6/95	Dahlberg <i>et al.</i>	435	91.53	12/7/92
	13	5,422,242	6/6/95	Young	435	6	7/17/92

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
							Yes	No
	14	WO 90/01069	2/8/90	PCT	C12Q	1/68		
	15	WO 92/06200	4/16/92	PCT	C12N	15/54		
	16	WO 91/09950	7/11/91	PCT	C12N	15/54		
	17	WO 90/15157	12/13/90	PCT	C12Q	1/68		
	18	EP 0 482 714 A1	4/29/92	EPA	C12N	15/54		

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

	19	Barany, "Genetic disease detection and DNA amplification using cloned thermostable ligase," <i>Proc. Natl. Acad. Sci.</i> , 88:189 (1991);
	20	Barany, "The Ligase Chain Reaction in a PCR World," <i>PCR Methods and Applic.</i> , 1:5 (1991);
	21	Wu and Wallace, "The Ligation Amplification Reaction (LAR) - Amplification of Specific DNA Sequences Using Sequential Rounds of Template-Dependent Ligation," <i>Genomics</i> 4:560 (1989);
	22	Guatelli <i>et al.</i> , "Isothermal, <i>in vitro</i> amplification of nucleic acids by a multienzyme reaction modeled after retroviral replication," <i>Proc. Natl. Acad. Sci.</i> , 87:1874-1878 (1990) with an erratum at <i>Proc. Natl. Acad. Sci.</i> , 87:7797 (1990);
	23	Kwoh <i>et al.</i> , "Transcription-based amplification system and detection of amplified human immunodeficiency virus type 1 with a bead-based sandwich hybridization format," <i>Proc. Natl. Acad. Sci.</i> , 86:1173-1177 (1989);
	24	Fahy <i>et al.</i> , "Self-sustained Sequence Replication (3SR): An Isothermal Transcription-based Amplification System Alternative to PCR," <i>PCR Meth. Appl.</i> , 1:25-33 (1991);
	25	Landgren, "Molecular mechanics of nucleic acid sequence amplification," <i>Trends in Genetics</i> 9:199 (1993);
	26	Mullis, "The Polymerase Chain Reaction in an Anemic Mode: How to Avoid Cold Oligodeoxyribonuclear Fusion," <i>PCR Methods Applic.</i> , 1:1 (1991);
	27	Kwok <i>et al.</i> , "Effects of primer-template mismatches on the polymerase chain reaction: Human immunodeficiency virus type 1 model studies," <i>Nucl. Acids Res.</i> , 18:999 (1990);

Examiner:

William S. Smith

Date Considered:

6-10-03

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Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Attorney Docket No.: FORS-06612

Serial No.: 09/940925

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Group Art Unit:

(37 CFR § 1.98(b))

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

28	Duck <i>et al.</i> , "Probe Amplifier System Based on Chimeric Cycling Oligonucleotides," <i>BioTech.</i> , 9:142 (1990);
29	Urdea <i>et al.</i> , "A novel method for the rapid detection of specific nucleotide sequences in crude biological samples without blotting radioactivity; application to the analysis of hepatitis B virus in human serum," <i>Gene</i> 61:253-264 (1987);
30	Gogos <i>et al.</i> , "Detection of single base mismatches of thymine and cytosine residues by potassium permanganate and hydroxylamine in the presence of tetralkylammonium salts," <i>Nucl. Acids Res.</i> , 18:6807-6817 (1990);
31	Barlow and Lehrach, "Genetics by gel electrophoresis: the impact of pulsed field gel electrophoresis on mammalian genetics," <i>Trends Genet.</i> , 3:167 (1987);
32	Perlman and Butow, "Mobile Introns and Intron-Encoded Proteins," <i>Science</i> 246:1106 (1989);
33	Conner, <i>et al.</i> , "Detection of sickle cell β^S -globin allele by hybridization with synthetic oligonucleotides," <i>Proc. Natl. Acad. Sci.</i> 80:278-282 (1983);
34	Vogelstein <i>et al.</i> , "Genetic Alterations During Colorectal-Tumor Development," <i>N. Eng. J. Med.</i> 319:525-532 (1988);
35	Farr <i>et al.</i> , "Analysis of <i>RAS</i> gene mutations in acute myeloid leukemia by polymerase chain reaction and oligonucleotide probes," <i>Proc. Natl. Acad. Sci.</i> 85:1629-1633 (1988);
36	Lyons, <i>et al.</i> , "Two G Protein Oncogenes in Human Endocrine Tumors," <i>Science</i> 249:655-659 (1990);
37	Abrams <i>et al.</i> , "Comprehensive Detection of Single Base Changes in Human Genomic DNA Using Denaturing Gradient Gel Electrophoresis and a GC Clamp," <i>Genomics</i> 7:463-475 (1990);
38	Sheffield, <i>et al.</i> , "Attachment of a 40-base-pair G+C-rich sequence (GC-clamp) to genomic DNA fragments by the polymerase chain reaction results in improved detection of single-base changes," <i>Proc. Natl. Acad. Sci.</i> , 86:232-236 (1989);
39	Lerman and Silverstein, "Computational Simulation of DNA Melting and Its Application to Denaturing Gradient Gel Electrophoresis," <i>Meth. Enzymol.</i> , 155:482-501 (1987);
40	Wartell <i>et al.</i> , "Detecting base pair substitutions in DNA fragments by temperature-gradient gel electrophoresis," <i>Nucl. Acids Res.</i> , 18:2699-2701 (1990);
41	Smith <i>et al.</i> , "Novel Method of Detecting Single Base Substitutions in RNA Molecules by Differential Melting Behavior in Solution," <i>Genomics</i> 3:217-223 (1988);
42	Borresen <i>et al.</i> , "Constant denaturant gel electrophoresis as a rapid screening technique for p53 mutations," <i>Proc. Natl. Acad. Sci. USA</i> 88:8405 (1991);
43	Scholz, <i>et al.</i> , "Rapid screening for Tp53 mutations by temperature gradient gel electrophoresis: a comparison with SSCP analysis," <i>Hum. Mol. Genet.</i> 2:2155 (1993);
44	Hayashi, "PCR-SSCP: A Simple and Sensitive Method for Detection of Mutations in the Genomic DNA," <i>PCR Meth. Appl.</i> , 1:34-38, (1991);
45	Orita, <i>et al.</i> , "Rapid and Sensitive Detection of Point Mutations and DNA Polymorphisms Using the polymerase Chain Reaction," <i>Genomics</i> 5:874-879, (1989);
46	Liu and Sommer, "Parameters Affecting the Sensitivity of Dideoxy Fingerprinting and SSCP," <i>PCR Methods Appl.</i> , 4:97 (1994);
47	Marmur and Lane, "Strand Separation and Specific Recombination in Deoxyribonucleic acids: Biological Studies," <i>Proc. Natl. Acad. Sci. USA</i> 46:453 (1960);
48	Doty <i>et al.</i> , "Strand Separation and Specific Recombination in Deoxyribonucleic Acids: Physical Chemical Studies," <i>Proc. Natl. Acad. Sci. USA</i> 46:461 (1960);
49	Wallace <i>et al.</i> , "Application of synthetic oligonucleotides to the diagnosis of human genetic diseases," <i>Biochimie</i> 67:755 (1985);
50	Studencki and Wallace, "Allele-Specific Hybridization using Oligonucleotide Probes of Very High Specific Activity: Discrimination of the Human β^A - and β^S -Globin Genes," <i>DNA</i> 3:1 (1984);
51	Studencki <i>et al.</i> , "Discrimination among the Human β^A , β^S , and β^C -Globin Genes Using Allele-Specific Oligonucleotide Hybridization Probes," <i>Human Genetics</i> 37:42 (1985);
52	Harrington and Liener, "Functional domains within FEN-1 and RAD2 define a family of structure-specific endonucleases: implications for nucleotide excision repair," <i>Genes and Develop.</i> 8:1344 (1994);
53	Murante <i>et al.</i> , "The Calf 5'- to 3'-Exonuclease Is Also an Endonuclease with Both Activities Dependent on Primers Annealed Upstream of the Point of Cleavage," <i>J. Biol. Chem.</i> 269:1191 (1994);

Examiner:

William J. Smith

Date Considered:

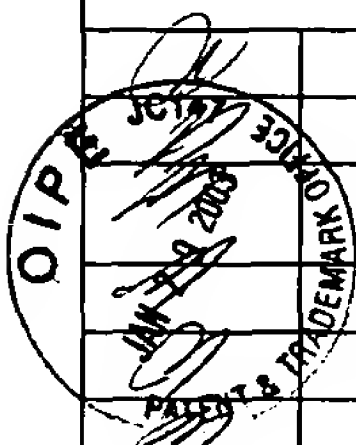
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use Several Sheets If Necessary) (37 CFR § 1.98(b))				Applicant: MARY ANN D. BROW <i>et al.</i>				
				Filing Date: 08/28/01		Group Art Unit: 36		
OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)								
	54	Kornberg, <i>DNA Replication</i> , W.H. Freeman and Co., San Francisco, pp. 127-139 (1980);						
	55	Tindall and Kunkell, Fidelity of DNA Synthesis by the <i>Thermus aquaticus</i> DNA Polymerase," <i>Biochem.</i> 27:6008 (1988);						
	56	Brutlag <i>et al.</i> , "An Active Fragment of DNA Polymerase Produced By Proteolytic Cleavage," <i>Biochem. Biophys. Res. Commun.</i> 77:982 (1969);						
	57	Erlich <i>et al.</i> , "Recent Advances in the Polymerase Chain Reaction," <i>Science</i> 252:1643 (1991);						
	58	Setlow and Kornberg, "Deoxyribonucleic Acid Polymerase: Two Distinct Enzymes in One Polypeptide," <i>J. Biol. Chem.</i> 247:232 (1972);						
	59	Gelfand, <i>PCR Technology - Principles and Applications for DNA Amplification</i> (H.A. Erlich, Ed.), Stockton Press, New York, p. 19 (1989);						
	60	Holland <i>et al.</i> , "Detection of specific polymerase chain reaction product by utilizing the 5'-3' exonuclease activity of <i>Thermus aquaticus</i> DNA polymerase," <i>Proc. Natl. Acad. Sci. USA</i> 88:7276 (1991);						
	61	Lawyer <i>et al.</i> , "Isolation, Characterization, and Expression in <i>Escherichia coli</i> of the DNA Polymerase Gene from <i>Thermus aquaticus</i> ," <i>J. Biol. Chem.</i> 264:6427 (1989);						
	62	Akhmetzjanov and Vakhitov, "Molecular cloning and nucleotide sequence of the DNA polymerase gene from <i>Thermus flavus</i> ," <i>Nucl. Acids Res.</i> 20:5839 (1992);						
	63	Setlow <i>et al.</i> , "Deoxyribonucleic Acid Polymerase: Two Distinct Enzymes in One Polypeptide," <i>J. Biol. Chem.</i> 247:224 (1972);						
	64	Levine, "The Tumor Suppressor Genes," <i>Annu. Rev. Biochem.</i> 62:623 (1993);						
	65	Lane and Benchimol, "p53: oncogene or anti-oncogene," <i>Genes Dev.</i> 4:1 (1990);						
	66	Lowe <i>et al.</i> , "p53-Dependent Apoptosis Modulates the Cytotoxicity of Anticancer Agents," <i>Cell</i> 74:957 (1995);						
	67	Hollstein, <i>et al.</i> , "Database of p53 gene somatic mutations in human tumors and cell lines," <i>Nucleic Acids Res.</i> 22:3551 (1994);						
	68	Cariello <i>et al.</i> , "Database and software for the analysis of mutations at the human p53 gene," <i>Nucleic Acids Res.</i> 22:3549 (1994);						
	69	Hollstein <i>et al.</i> , "Database of p53 gene somatic mutations in human tumors and cell lines," <i>Nucleic Acids Res.</i> 22:3551 (1994);						
	70	Higuchi, R., In Ehrlich, H.A. (Ed.), <i>PCR Technology: Principles and Applications for DNA Amplification</i> , Stockton Press, New York, pp. 61-70 (1991);						
	71	Nelson and Long, "A General Method of Site-Specific Mutagenesis Using a Modification of the <i>Thermus aquaticus</i> Polymerase Chain Reaction," <i>Analytical Biochem.</i> 180:147 (1989);						
	72	Altamirano <i>et al.</i> , "Identification of Hepatitis C Virus Genotypes among Hospitalized Patients in British Columbia, Canada," <i>J. Infect. Dis.</i> 171:1034 (1995);						
	73	Kanai <i>et al.</i> , "HCV genotypes in chronic hepatitis C and response to interferon," <i>Lancet</i> 339:1543 (1992);						
	74	Yoshioka <i>et al.</i> , "Detection of Hepatitis C Virus by Polymerase Chain Reaction and Response to Interferon- α Therapy: Relationship to Genotypes of Hepatitis C Virus," <i>Hepatology</i> 16:293 (1992);						
	75	Okamoto <i>et al.</i> , "Typing hepatitis C virus by polymerase chain reaction with type-specific primers: application to clinical surveys and tracing infectious sources," <i>J. Gen. Virol.</i> 73:673 (1992);						
	76	Frieden <i>et al.</i> , "The Emergence of Drug-Resistant Tuberculosis in New York City," <i>New Engl. J. Med.</i> 328:521 (1993);						
	77	Hughes, <i>Scrip Magazine</i> May (1994);						
	78	Jacobs, Jr., "Multiple-Drug-Resistant Tuberculosis," <i>Clin. Infect. Dis.</i> 19:1 (1994);						
	79	Donnabella <i>et al.</i> , "Isolation of the Gene for the β Subunit of RNA Polymerase from Rifampicin-resistant <i>Mycobacterium tuberculosis</i> and Identification of New Mutations," <i>Am. J. Respir. Dis.</i> 11:639 (1994);						
	80	Jacobs, Jr. <i>et al.</i> , "Rapid Assessment of Drug Susceptibilities of <i>Mycobacterium tuberculosis</i> by Means of Luciferase Reporter Phages," <i>Science</i> 260:819 (1993);						
Examiner:		William S. Ashby			Date Considered:			6.10.03



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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use Several Sheets If Necessary)		Applicant: MARY ANN D. BROW <i>et al.</i>	
		Filing Date: 08/28/01	Group Art Unit: (63)



OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)	
81	Shinnick and Jones in <i>Tuberculosis: Pathogenesis, Protection and Control</i> , Bloom, ed., American Society of Microbiology, Washington, D.C., pp. 517-530 (1994);
82	Yule, "Amplification-Based Diagnostics Target TB," <i>Bio/Technology</i> 12:1335 (1994);
83	Heym <i>et al.</i> , "Implications of multidrug resistance for the future of short-course chemotherapy of tuberculosis: a molecular study," <i>Lancet</i> 344:293 (1994);
84	Morris <i>et al.</i> , "Molecular Mechanisms of Multiple Drug Resistance in Clinical Isolates of <i>Mycobacterium tuberculosis</i> ," <i>J. Infect. Dis.</i> 171:954 (1995);
85	Banerjee <i>et al.</i> , " <i>inhA</i> , a Gene Encoding a Target for Isoniazid and Ethionamide in <i>Mycobacterium tuberculosis</i> ," <i>Science</i> 263:227 (1994);
86	Woese, "Bacterial Evolution," <i>Microbiological Reviews</i> , vol 51, No. 2. (1987);
87	Shibata, "Preparation of Nucleic Acid for Archival Material," in <i>PCR: The Polymerase Chain Reaction</i> , Mullis <i>et al.</i> , eds. Birkhauser, Boston, pp. 47-54 (1994);
88	Saiki <i>et al.</i> , "Primer-Directed Enzymatic Amplification of DNA with a Thermostable DNA Polymerase," <i>Science</i> 239:487 (1988);
89	Mullis and Faloona, "Specific Synthesis of DNA <i>in Vitro</i> via a Polymerase-Catalyzed Chain Reaction," <i>Methods in Enzymology</i> 155:335 (1987);
90	M. Bargseid <i>et al.</i> , "A High Fidelity Thermostable DNA Polymerase Isolated from <i>Pyrococcus furiosus</i> ," <i>Strategies</i> (Startagene, LaJolla, CA) 4:34 (1991);
91	Perler <i>et al.</i> , "Intervening sequences in an Archaea DNA polymerase gene," <i>Proc. Natl. Acad. Sci. USA</i> 89:5577 (1992);
92	Kaledin <i>et al.</i> , "Isolation and Properties of DNA Polymerase From the Extremely Thermophilic Bacterium <i>Thermus flavus</i> ," <i>Biokhimiya</i> 46:1576 (1981);
93	Carballeira <i>et al.</i> , "Purification of a Thermostable DNA Polymerase from <i>Thermus thermophilus</i> HB8, Useful in the Polymerase Chain Reaction," <i>Biotechniques</i> 9:276 (1990);
94	Myers <i>et al.</i> , "Reverse Transcription and DNA amplification by a <i>Thermus thermophilus</i> DNA Polymerase," <i>Biochem.</i> 30:7661 (1991);
95	Ito <i>et al.</i> , "Compilation and alignment of DNA polymerase sequences," <i>Nucl. Acids Res.</i> 19:4045 (1991);
96	Mathur <i>et al.</i> , "The DNA polymerase gene from the hyperthermophilic marine archaeobacterium <i>Pyrococcus furiosus</i> , shows sequence homology with α -like DNA polymerases," <i>Nucl. Acids. Res.</i> 19:6952 (1991);
97	Dunn <i>et al.</i> , "Complete Nucleotide Sequence of Bacteriophage T7 DNA and the Locations of T7 Genetic Elements," <i>J. Mol. Biol.</i> 166:477 (1983);
98	Antao <i>et al.</i> , "A thermodynamic study of unusually stable RNA and DNA hairpins," <i>Nucl. Acids Res.</i> 19:5901 (1991);
99	Stark, "Multicopy expression vectors carrying the <i>lac</i> repressor gene for regulated high-level expression of genes in <i>Escherichia coli</i> ," <i>Gene</i> 5:255 (1987);
100	Studier and Moffatt, "Use of Bacteriophage T7 RNA Polymerase to Direct Selective High-level Expression of Cloned Genes," <i>J. Mol. Biol.</i> 189:113 (1986);
101	Sambrook <i>et al.</i> , <i>Molecular Cloning. A Laboratory Manual</i> , Cold Spring Harbor Laboratory Press, Cold Spring Harbor, pp. 1.63-1.69 (1989);
102	Engelke, "Purification of <i>Thermus Aquaticus</i> DNA Polymerase Expressed in <i>Escherichia coli</i> ," <i>Anal. Biochem</i> 191:396 (1990);
103	Copley and Boot, "Exonuclease Cycling Assay: An Amplified Assay for the Detection of Specific DNA Sequences," <i>BioTechniques</i> 13:888 (1992);
104	King, R.A., <i>et al.</i> , "Non-random Distribution of Missense Mutations Within the Human Tyrosinase Gene in Type 1 (Tyrosinase-related) Oculocutaneous Albinism," <i>Mol. Biol. Med.</i> 8:19 (1991);
105	Giebel <i>et al.</i> , "Organization and Nucleotide Sequences of the Human Tyrosinase Gene and a Truncated Tyrosinase-Related Segment," <i>Genomics</i> 9:435 (1991);
106	Spritz, "Molecular genetics of oculocutaneous albinism," <i>Human Molecular Genetics</i> 3:1469 (1994);

Examiner: <u>William Sample</u>	Date Considered: <u>6-10-03</u>
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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				Filing Date: 08/28/01	Group Art Unit: 1632
OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)					
107	Giebel <i>et al.</i> , "A Tyrosinase Gene Missense Mutation in Temperature-sensitive Type I Oculocutaneous Albinism," <i>J. Clin. Invest.</i> 87:1119 (1991);				
108	Bouchard <i>et al.</i> , "Induction of Pigmentation in Mouse Fibroblasts by Expression of Human Tyrosinase cDNA," <i>J. Exp. Med.</i> 169:2029 (1989);				
109	Orkin and Kazazian, "The Mutation and Polymorphism of the Human β -Globin Gene and its Surrounding DNA," <i>Annu. Rev. Genet.</i> 18:13 (1984);				
110	Collins and Weissman, "The Molecular Genetics of Human Hemoglobin," <i>Prog. Nucleic Acid Res. Mol. Biol.</i> 31:315 (1984);				
111	Lawn <i>et al.</i> , "The Nucleotide Sequence of the Human β -Globin Gene," <i>Cell</i> 21:647 (1980);				
112	Orkin and Goff, "Nonsense and Frameshift Mutations in β^0 -Thalassemia Detected in Cloned β -Globin Genes," <i>J. Biol. Chem.</i> 256:9782 (1981);				
113	Goldsmith <i>et al.</i> , "'Silent' nucleotide substitution in a β^+ -thalassemia globin gene activates splice site in coding sequence RNA," <i>Proc. Natl. Acad. Sci. USA</i> 80:2318 (1983);				
114	Giddings <i>et al.</i> , "An adaptive, object oriented strategy for base calling in DNA sequence analysis," <i>Nucl. Acids Res.</i> 21:4530 (1993);				
115	Trivedi <i>et al.</i> , "Selective Amplification of Simian Immunodeficiency Virus Genotypes after Intrarectal Inoculation of Rhesus Monkeys," <i>Journal of Virology</i> 68:7649 (1994);				
116	Nugent <i>et al.</i> , "Characterization of the Apurinic Endonuclease Activity of <i>Drosophila</i> Rpl," <i>Biochemistry</i> , 32:11445 (1993);				
117	Bardwell <i>et al.</i> , "Specific Cleavage of Model Recombination and Repair Intermediates by the Yeast Rad1-Rad10 DNA Endonuclease," <i>Science</i> 265:2082 (1994);				
118	Orkin <i>et al.</i> , "Abnormal RNA processing due to the exon mutation of β^E -globin gene," <i>Nature</i> , 300:768 (1982);				
119	Spritz <i>et al.</i> , "Base substitution in an intervening sequence of a β^+ -thalassemic human globin gene," <i>Proc. Natl. Acad. Sci. USA</i> , 78:2455 (1981);				
120	Baker <i>et al.</i> , "Suppression of Human Colorectal Carcinoma Cell Growth by Wild-Type p53," <i>Science</i> 249:912 (1990);				
121	Chen <i>et al.</i> , "Genetic Mechanisms of Tumor Suppression by the Human p53 Gene," <i>Science</i> 250:1576 (1990);				
122	Hollstein <i>et al.</i> , "p53 Mutations in Human Cancers," <i>Science</i> 253:49 (1991);				
123	Caron de Fromental and Soussi, "TP53 Tumor Suppressor Gene: A Model for Investigating Human Mutagenesis," <i>Genes, Chromosomes and Cancer</i> 4:1 (1992).				
124	Inchauspe <i>et al.</i> , "Use of Conserved Sequences from Hepatitis C Virus for the Detection of Viral RNA in Infected Sera by Polymerase Chain Reaction," <i>Hepatology</i> 14:595 (1991);				
125	Miller <i>et al.</i> , "The <i>rpoB</i> Gene of <i>Mycobacterium tuberculosis</i> ," <i>Antimicrob. Agents Chemother.</i> , 38:805 (1994);				
126	Cockerill <i>et al.</i> , "Rapid Identification of a Point Mutation of the <i>Mycobacterium tuberculosis</i> Catalase-Peroxidase (<i>katG</i>) Gene Associated with Isoniazid Resistance," <i>J. Infect. Dis.</i> 171:240 (1995);				
127	Greisen <i>et al.</i> , "PCR Primers and Probes for the 16S rRNA Gene of Most Species of Pathogenic Bacteria, Including Bacteria Found in Cerebrospinal Fluid," <i>J. Clin. Microbiol.</i> 32:335 (1994);				
128	Widjoatmondjo <i>et al.</i> , "Rapid Identification of Bacteria by PCR-Single-Strand Conformation Polymorphism," <i>J. Clin. Microbiol.</i> 32:3002 (1994);				
129	Maidak <i>et al.</i> , "The Ribosomal Database project," <i>Nucleic Acids Res.</i> , 22:3485 (1994);				
130	McConlogue <i>et al.</i> , "Structure-independent DNA amplification by PCR using 7-deaza-2'-deoxyguanosine," <i>Nucleic Acids Res.</i> 16:20 (1988);				
131	D.S. Sigman <i>et al.</i> , "Chemical Nucleases," <i>Chemical Reviews</i> 93:2295-2316 (1993);				
132	T.R. Cech <i>et al.</i> , "Secondary Structure of the <i>Tetrahymena</i> Ribosomal RNA intervening sequence, Structural homology with fungal mitochondrial intervening sequences," <i>Proc. Natl. Acad. Sci. USA</i> 80:3903 (1983);				
Examiner: <i>William Sanders</i>		Date Considered: 6-10-03			
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use Several Sheets If Necessary) (37 CFR § 1.98(b))				Applicant: MARY ANN D. BROW <i>et al.</i>			
				Filing Date: 08/28/01		Group Art Unit: 1636	
OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)							
133		C.R. Woese <i>et al.</i> , "Detailed Analysis of the Higher Order Structure of 16S Like Ribosomal Ribonucleic Acids," <i>Microbiology Reviews</i> 47:621 (1983);					
134		Hoheisel <i>et al.</i> , "On The Activities of <i>Escherichia coli</i> Exonuclease III," <i>Anal. Biochem.</i> 209:238-246 (1993);					
135		R. Youil <i>et al.</i> , "Screening for Mutations by Enzyme Mismatch Cleavage with T4 Endonuclease VII," <i>Proc. Natl. Acad. Sci. USA</i> (1995);					
136		Murphy <i>et al.</i> , "Use of the 5' Noncoding Region for Genotyping Hepatitis C Virus," <i>J. Infect. Diseases</i> 169:473 (1994).					
137		Takada <i>et al.</i> , "HCV genotypes in different countries," <i>Lancet</i> 339:808 (1992).					
138		Belkum, "DNA Fingerprinting of Medically Important Microorganisms by Use of PCR," <i>Clin. Microbiol. Rev.</i> 7(2): 174-184 (1994).					
139		Wilson <i>et al.</i> , "Amplification of Bacterial 16S Ribosomal DNA with Polymerase Chain Reaction," <i>J. Clin. Microbiol.</i> 28(9):1942-1946 (1990).					
140		Bingen <i>et al.</i> , "Use of Ribotyping in Epidemiological Surveillance of Nosocomial Outbreaks," <i>Clin. Microbiol. Rev.</i> 7(3):311-327 (1994).					
141		Tabor <i>et al.</i> , "Effect of Manganese Ions On The Incorporation of Dideoxynucleotides By Bacteriophage T7 DNA Polymerase and <i>Escherichia coli</i> DNA Polymerase I, <i>Proc. Natl. Acad. Sci. USA</i> 86:4076-4080 (1989)					
142		Lyamichev <i>et al.</i> , "Structure-specific endonucleolytic cleavage of nucleic acids by eubacterial DNA polymerases," <i>Science</i> 260:778-783 (1993)					
143		Seela <i>et al.</i> , "7-deazapurine containing DNA: efficiency of 7-deaza-dGTP, 7-deaza-dATP, and 7-deaza-dITP incorporation during PCR-amplification and protection from endodeoxyribonuclease hydrolysis," <i>Nuc. Acids Res.</i> 20(1):55-612 (1992)					
144		Young <i>et al.</i> , "Detection of hepatitis C virus RNA by a combined reverse transcription-polymerase chain reaction assay," <i>J. Clin. Microbiol.</i> 31(4) 882-886 (1993)					
Examiner: William S. S. S.				Date Considered: 6-10-03			
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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